Last updated: 15/05/2025 11:06:48

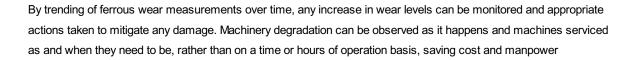


# UNITOR FERROUS WEAR TEST KIT

Product group: 663 Product number: 735754

Unitor™ Ferrous Wear Meter (FWM) helps you to protect your engine and cylinder from unwanted wear by VLSFO introduced through IMO 2020.

Unitor™ FWM detects abrasive wear particles in lubricating oil samples and offers a simple and easy way to control wear in your engine and cylinders.





#### **Product information**

Unitor™ Ferrous Wear Meter (FWM) is constructed using a sophisticated magnetometer adapted for field applications. A5 ml test tube, filled with the sample, is placed directly in the hole in the instrument and its metallic content, in PPM, is displayed on the screen in less than 2 seconds. No further sample preparation is required and the ferrous debris content is displayed instantly on the easy to read screen, providing you with a quick, simple and clean method of analysis. Simple graphical instructions are displayed on the screen, requiring little or no training for users to operate.

It is a rugged, simple, easy to use instrument provides instant, accurate measurements of ferrous wear content on the units screen. Contained in a fully portable case, its rugged design is ideal for testing and analysing oil samples both on-board, in the field or in the laboratory.

#### Features

- Suitable for testing on-board, on-site or in remote locations.
- Simple, easy to operate instrument requiring minimal training.
- Direct reading in PPM on the LCD screen within 2 seconds

#### Benefits

- Gives you a quick answer on the wear in your engine
- Your crew can easily do the test within minutes with minimal training

# **Specification**

### General

Invent Hazard Material (IMO/EJ) classification	C-9

### Dimensions/Weight

Dimensions LxWxH[mm]	480 x 370 x 165
Weight [kg]	1.1

#### Technical data

Display resolution [pixel/inch]	5 ppm between 0 and 2495 ppm 10 ppm between 2500 and 9990 ppm 0.01 % between 1.00 and 9.99 % 0.1 % between 10.0 and 15.0 %
Operating temperature [°C]	15 - 40 (60oF - 104oF)

## Performance data

Accuracy	+/- 10 ppm(0 - 1000 ppm), +/- 20 ppm(> 1001 ppm)
Measurement Range	0 - 2500 ppm; 0 to 15% by mass (mg/kg)
Test time	<3 seconds per sample

## **Documents**

Overview-735754-Ferrous-Wear-Meter

SDoC and MD for IHM

Ferrous-Wear-Meter-Quick-Start-Guide

Ferrous Wear Meter Logbook

#### **Related products**

Consumables

735758

FERROUS WEAR TEST TUBE PACK

Is frequently bought together with

735744

COLD CORROSION REPLACEMENT KIT (PACK 50)

773153

UNITOR COMPATIBILITY TEST KIT

735742

UNITOR COLD CORROSION TEST KIT (50 PACK)

764420

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